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PTO/SB/05 (08-00)
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UTILITY			Attorney Docket No. Z		ZG116US		
PATENT APPLICATION			Inventor	Kia	Silverbre	ook	
transmittal			Title Placement Tool for Wafer Scale Caps				
(Only for new nonprovisional applications under 37 CFR 1.53(b))			ss Mail Label N	o.			
	TION ELEMENTS		ADDRESS TO: Assistant Commissioner for Patents Box Patent Application				
See MPEP chapter 600 concerning utility patent application contents. Washington, DC 20231							
Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. 7. CD-ROM or CD-R in duplicate, large table Computer Program (Appendix)						•	
2. See 37 CFR 1.27.			lucleotide and/or An if <u>appl</u> icable, all nec		Sequence	Submission	
3. Specification (preferred arrangement		a.	Computer Re		•)	
 Descriptive title Cross Reference 	e to Related Applications	b.	Specification Sequ		•		
	arding Fed sponsored R & D		i.□ CD-ROM	or CD-F	R (2 copies)	; or	
or a computer p	equence listing, a table, program listing appendix		ii.□ paper				
- Background of - Brief Summary		- 0					
 Brief Descriptio 	on of the Drawings (if filed)	- }-	ACCOMPANY				
- Detailed Descri - Claim(s)	puon	9.		, ,		& document(s)) Power of	
- Abstract of the	Disclosure	10.	37 CFR 3.73 (when there if			Attorney	
4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 10] 11. English Translation Document (if applicable)						applicable)	
5. Oath or Declaration	[Total Pages 2]	12.	Information D		- 1	Copies of IDS Citations	
a. X Newly execu	ited (original or copy)	13.	<u> </u>	•			
b. Copy from a (for continual	prior application (37 CFR 1.63 (d)) tion/divisional with Box 17 completed	14.	14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)				
i. DELET	15	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)					
named in t	tement attached deleting inventor(s) he prior application, see 37 CFR and 1.33(b).		16. Other:				
I	Sheet. See 37 CFR 1.76				••••		
17. If a CONTINUING APPLIC	CATION, check appropriate box, and	supply the re	quisite information b	elow and	d in a prelin	ninary amendment,	
or in an Application Data She	Divisional Continuation-in-part (CIP)	of prior application No.:		10 / 12	9,502	
Prior application information:	Examiner Angel Roman		Group / Art Unit:	2812			
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.							
18. CORRESPONDENCE ADDRESS							
Customer Number or Bar Code Label 24011 or Correspondence address below (Insert Customer No. or Attach bar code label hare)							
Name	KIA SILVERBROOK						
	393 Darling Street,						
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City	Balmain	State	NSW		Zip Code	2041	
Country	Australia	Telephone	one +61-2-9818-6633		Fax	+61-2-9555-7762	
	KIA SILVERBROOK						
Name (Print/Type)	RIA SILVERBROOK	Re	egistration No. (Att	torney/A	gent)		

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Signature

KIA SILVERBROOK

Telephone 612 98186633

Date

November 28, 2003

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FEE TRANSMITTAL				Complete if Known				
F ILL HAMOMILIA			cation 1	Numbe	er			
ቮ for FY 2004			Filing Date					
Effective 10/01/2003. Patent fees are subject to annual revision.			First Named Inventor Kia Silverbrook		ntor Kia Silverbrook			
		Examiner Name						
Applicant claims small entity status. See 37 CFR 1.27		Art U	nit					
TOTAL AMOUNT OF PAYMENT (\$) 810.00		Atton	ney Doo	cket N	No. ZG116US			
METHOD OF PAYMENT (check all that apply)				FEE	E CALCULATION (continued)			
Check Credit card Money Other None	3. A	DDIT	ONAL	FEE	:S			
Deposit Account:		Large Entity Small Entity						
Deposit	Fee Code	Fee e (\$)		Fee (\$)	Fee Description Fee Paid			
Account Number	1051	130	2051	65	Surcharge - late filing fee or oath			
Deposit Account	1052	50	2052		Surcharge - late provisional filing fee or cover sheet			
Name The Director is authorized to: (check all that apply)	1053		1053	130	Non-English specification			
Charge fee(s) indicated below Credit any overpayments	1812	2,520	1812 2	2,520	For filing a request for ex parte reexamination			
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action			
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805 1	1,840*	Requesting publication of SIR after Examiner action			
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month			
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month			
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month			
Fee Fee Fee Fee Pee Pescription Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month			
1001 770 2001 385 Utility filing fee	1255	2,010	2255	1,005	Extension for reply within fifth month			
1002 3 0 2002 1 Design filing fee 770.00	1401	330	2401	165	Notice of Appeal			
1003 5 0 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal			
1004 7 0 2004 3 5 Reissue filing fee	1403	-	2403	145	Request for oral hearing			
1005 160 2005 80 Provisional filing fee	i	1,510	1		Petition to institute a public use proceeding			
SUBTOTAL (1) (\$) 770.00	1452		2452		Petition to revive - unavoidable			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1,330	2453		Petition to revive - unintentional			
Fee from Extra Claims below Fee Paid	1501 1502	1,330 480	2501 2502		Utility issue fee (or reissue)			
Total Claims 20 -20** = X = 0	1502		2502		Design issue fee Plant issue fee			
Independent Claims 1 - 3** = X = 0	1460		1460		Petitions to the Commissioner			
Multiple Dependent	1807		1807		Processing fee under 37 CFR 1.17(q)			
Large Entity Small Entity	1806		1806		Submission of Information Disclosure Stmt			
Fee Fee Fee <u>Fee Description</u> Code (\$) Code (\$)	8021	40	8021	40	Recording each patent assignment per 40.00			
1202 18 2202 9 Claims in excess of 20	1809		2809		property (times number of properties) Filing a submission after final rejection			
1201 8 2201 4 Independent claims in excess of 3				303	(37 CFR 1.129(a))			
1203 2 0 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))			
1204 8 2204 4 ** Reissue independent claims over original patent	1801	1 770	2801	385	Request for Continued Examination (RCE)			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application			
<u> </u>	Othe	r fee (sp	ecify)					
SUBTOTAL (2) ((\$) U **or number previously paid, if greater; For Reissues, see above	*Red	luced by	Basic F	iling Fe	ee Paid SUBTOTAL (3) (\$) 40.00			
SUBMITTED BY (Complete (if applicable))								

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Registration No.

(Attomey/Agent)



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December 4, 2003

Commissioner of Patents and Trademarks Washington DC 20231 USA

Dear Sir

53 New United States Patent Applications Assignee: Silverbrook Research Pty Ltd

This letter accompanies 53 new patent applications.

<u>53 bank drafts</u> for the total amount of US\$51,520 are enclosed to cover filing and assignment fees for each of the 53 applications. Also attached is a list giving details of each application.

We look forward to receiving filing receipts in due course.

If you need to contact us in relation to the applications, please email my assistant, Kia Silverbrook at Kia Silverbrook@silverbrookresearch.com or by fax to +61 2 9555 7762.

Yours faithfully

Kia Silverbrook

Silverbrook Research Pty Ltd

	NO NO	ÍπE	INVENTORS	AMOUNT	PARENT NO
1	ZE017	Printhead assembly incorporating one or more printhead modules	Kia Silverbrook, Tobin Allen King	850.00	APT100
2	ZE018	Printhead assembly incorporating a channel member	Kia Silverbrook, Tobin Allen King		ART108
3	ZE019	Printhead assembly incorporating an elastomeric feed	Kia Silverbrook, Tobin Allen	850.00	ART108
4	ZE020	Printhead accomply incompating a size and its answer.	King Kia Silverbrook, Tobin Allen	850.00	ART108
<u> </u>	22020	Printhead assembly incorporating micromoldings	King Kia Silverbrook, Paul	850.00	ART108
5	BAL70	A camera for printing manipulated images	Lapstun, Simon Robert Walmslev Kia Silverbrook, Paul	998.00	ART51
6	BAL71	A camera for pirnting on media provided on print roll	Lapstun, Simon Robert Walmsley Kia Silverbrook, Paul	1,142.00	ART51
7	BAL72	A camera for printing manipulated images on media	Kia Silverbrook, Paul Lapstun, Simon Robert Walmslev	1,070.00	ART51
8	BAL73	A camera and controlling processing system	Kia Silverbrook, Paul Lapstun, Simon Robert		
9	ZE009	A method of fabricating a fluid ejection device using a planarizing step	Walmslev Kia Silverbrook	1,070.00	ART51
10	ZE010	A micro-electromechanical fluid ejection device with control logic circuitry	Kia Silverbrook	810.00	IJ46 Div. 2
11	ZE011	A printhead configuration incorporating a nozzle arrangement layout	Kia Silverbrook	810.00	IJ46 Div. 2
12	ZE012	A method of fabricating a micro-electromechanical device having a laminated actuator	Kia Silverbrook	810.00	IJ46 Div. 2
13	ZF189	An image capture and processing device for a print on	Kia Silverbrook	810.00	IJ46 Div. 2
14	ZF190	demand digital camera system A printhead assembly for a print on demand digital		810.00	IR18
\dashv	 	camera system A printhead re-capping assembly for a print on demand	Kia Silverbrook	810.00	IR18
15	ZF191	digital camera system	Kia Silverbrook	810.00	IR18
16	MTB05	Ink Jet printhead with circular cross section chamber	Kia Silverbrook	1,044.00	MJ40
17	MTB07	Ink jet printhead with amorphous ceramic chamber	Kia Silverbrook	1,116.00	MJ40
18	ZF132	Composite support beam for pimthead assembly	Kia Silverbrook	810.00	MJ44
19	ZF133	Thermal expansion relief for printhead assembly	Kia Silverbrook	810.00	MJ44
20	ZF134	Thermal expansion compensation for printhead assembly	Kia Silverbrook	810.00	MJ44
21	ZE013	A micro-electromechanical fluid ejection device having a chamber that is volumetrically altered for fluid ejection	Kia Silverbrook		
22	ZE014	A micro-electromechanical fluid ejection device having	Kia Silverbrook	810.00	MJ95
23		Thermal ink jet printhead with short heater to nozzle aperture distance	Kia Silverbrook	810.00	MJ95
24	MTB012	Thermal ink jet printhead with low recistance electrodes	Kia Silverbrook	1,422.00	MJT001
25	MTB013	Thermal ink jet printhead with heater elements	Kia Silverbrook	1,422.00	MJT001
		supported by electrodes		1,422.00	MJT001

			Kia Silverbrook, Angust	Ţ	
26	MTB02	Very high efficiency thermal ink jet printhead	John North, Gregory John McAvov	1,502.00	MJT001
27	мтвоз	Low voltage thermal ink jet printhead	Kia Silverbrook	1,422.00	MJT001
28	MTB04	Inkjet printhead with low mass displacement nozzle	Kia Silverbrook	1,422.00	MJT001
29	МТВ06	Thermal ink jet printhead with bubble collapse point close to nozzle aperture	Kia Silverbrook	1,422.00	MJT001
30	MTB14	Heat dissipation within thermal ink jet printhead	Kia Silverbrook	1,422.00	MJT001
31	ZF184	Ink Distribution assembly	Kia Silverbrook	810.00	PAK12
32	ZG185	Printhead chassis assembly	Kia Silverbrook	810.00	PAK12
33	ZG186	Laminated distribution structure	Kia Silverbrook	810.00	PAK12
34	ZG112	Chips with wafer scale caps formed by molding	Kia Silverbrook	810.00	WSM01
35	ZG113	Two part mold for wafer scale caps	Kia Silverbrook	810.00	WSM01
36	ZG114	Wafer scale caps located by molding	Kia Silverbrook	810.00	WSM01
37	ZG115	Molded wafer scale cap array	Kia Silverbrook	810.00	WSM01
38	ZG116	Placement tool for wafer scale caps	Kia Silverbrook	810.00	WSM01
39	ZG117	Mold making method for wafer scale caps	Kia Silverbrook	810.00	WSM01
40	ZG118	Chip with molded cap array	Kia Silverbrook	810.00	WSM01
41	ZG119	Molded wafer scale cap	Kia Silverbrook	810.00	WSM01
42	ZF117.	Thermoelastic inkjet actuator with heat conductive pathways	Kia Silverbrook, Gregory John McAvoy	850.00	YU185
43		An ink jet printhead chip having an actuator mechanisms located about ejection ports	Kia Silverbrook, Gregory John McAvoy	850.00	YU195
44	ZE006	A method of fabricating an ink jet printhead chip having actuator mechanisms located about ejection ports	Kia Silverbrook, Gregory John McAvoy	850.00	YU195
45	ZE007	A micro-electromechanical fluid ejection device having actuator mechanisms located about ejection ports	Kia Silverbrook, Gregory John McAvoy	850.00	YU195
46	ZE008	A micro-electromechanical fluid ejection device having nozzle chambers with diverging walls	Kia Silverbrook, Gregory John McAvoy	850.00	YU195
47		Page binder with air cushion and non-contact adhesive applicator	Kia Silverbrook	850.00	ZF107
48		Page binder with adhesive applicator for gluing traling edge of pages	Kia Silverbrook	850.00	ŽF107
49	ZG189	Page binder with two part adhesive applicator	Kia Silverbrook	850.00	ZF107
50		Inkjet printhead with ink supply passage to nozzle etched from opposing sides of wafer	Kia Silverbrook	1,170.00	ZF121

51	мтво9	Inkjet printhead with non-uniform width ink supply passage to nozzle	Kia Silverbrook	1,112.00	ZF121
52	MTB10	Inkjet printhead with ink chamber inlet etched into wafer	Kia Silverbrook	1,256.00	ZF121
53	MTB11	Inkjet printhead with ink supply passage formed from both sides of the wafer by overlapping etches	Kia Silverbrook	1,256.00	ZF121
56					
57				51,520.00	